

LIMAYE, VIJAY

From: Kurpius, Meredith
Sent: Friday, February 07, 2014 8:37 AM
To: Magliano, Karen@ARB
Subject: Accepted: Oceano Dunes Conference Call

From: [Kurpius, Meredith](#)
To: [Karl Tupper](#)
Subject: CDF AQS ID
Date: Monday, June 10, 2013 12:47:00 PM

Hi Karl,

I am responding to a concerned citizen regarding PM10 level on the Nipomo Mesa and I have a quick question: has this site always had the same AQS ID? I have a vague recollection that it was moved and so there are two AQS sites that should be combined for purposes of the DV. Is that right? If so, what are the two AQS IDs? Thanks!

-Meredith

Meredith Kurpius, PhD
Air Quality Analysis Office, Air Monitoring Team Lead
kurpius.meredith@epa.gov
415-947-4534 (p) | 415-947-3579 (f)
75 Hawthorne St., AIR-7, San Francisco, CA 94105

From: [Kurpius, Meredith](#)
To: ktupper@co.slo.ca.us; [karen brooks](#); [Jaime Contreras](#)
Subject: citation for dust study
Date: Tuesday, June 18, 2013 8:40:00 AM

Karen, Jaime, and Karl,

We are responding to a citizen letter regarding dust in the Nipomo Dunes area and we would like to cite the dust study that SLO conducted a few years back. Can you provide the title, date, author (I assume it's SLO County APCD), and document reference number if any? Thanks!

-Meredith

Meredith Kurpius, PhD
Air Quality Analysis Office, Air Monitoring Team Lead
kurpius.meredith@epa.gov
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75 Hawthorne St., AIR-7, San Francisco, CA 94105

From: [Kurpius, Meredith](#)
To: japham@arb.ca.gov
Subject: Corrective Action NM3
Date: Wednesday, March 13, 2013 8:30:00 AM
Attachments: [NM3_approval_draft.docx](#)

James,

I have a minor comment on the corrective action for Finding NM3. I have included the MS Word version of the corrective action for Finding NM3, which has my comment in the remarks section. To make it easy, I have also pasted the comment below:

-Need timetable for CARB communication with districts.

Let me know if you want to discuss this. Otherwise, please make the change in the MS Word document and send it back to me with a cc. to Mike Miguel. Thanks!

-Meredith

Meredith Kurpius, PhD
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kurpius.meredith@epa.gov
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75 Hawthorne St., AIR-7, San Francisco, CA 94105

From: [Zimpfer, Amy](#)
To: [Kurt Karperos](#); [Larry Allen](#)
Cc: [Lakin, Matt](#); [Kurpius, Meredith](#); [Jordan, Deborah](#)
Subject: Fwd: Response to April 15, 2015 letter to Jared Blumenfeld
Date: Friday, May 08, 2015 2:41:58 PM
Attachments: [SLO - EPA letter to Rachelle Toti and Arlene Versaw - 050815.pdf](#)
[ATT00001.htm](#)
[SLO - EPA letter to Larry Allen - 041515.pdf](#)
[ATT00002.htm](#)

Hi Larry and Kurt,

FYI, please find attached a letter we sent today to Rachelle Toti and others concerned about PM emissions at the Nipomo Dunes.

Let me know if you have any questions.

Best,

Amy

Amy Zimpfer, Associate Director, USEPA, Region 9

+1 415.947.4146

zimpfer.amy@epa.gov

Begin forwarded message:

From: "Lakin, Matt" <Lakin.Matthew@epa.gov>
To: "rachelle toti" <rachelletoti@gmail.com>, "arlene versaw" <arleneversaw@gmail.com>
Cc: "LEVIN, NANCY" <Levin.Nancy@epa.gov>, "Zimpfer, Amy" <Zimpfer.Amy@epa.gov>, "Kurpius, Meredith" <Kurpius.Meredith@epa.gov>
Subject: Response to April 15, 2015 letter to Jared Blumenfeld

Arlene and Rachelle,

Please find the attached, which is the letter, plus attachment, I signed today in response to your April 15 letter to Regional Administrator Blumenfeld. You will be receiving a copy in the mail, hopefully next week. I hope you are both doing well.

Matt

Matthew Lakin, Ph.D.

Manager, Air Planning Office

US EPA, Region 9 (AIR-2) | 75 Hawthorne St. | San Francisco, CA 94105

P: 415.972.3851 | E: Lakin.Matthew@epa.gov

From: [Drake, Kerry](#)
To: biering@ammcglaw.com; gwilley@co.slo.ca.us; lallen_apcd@co.slo.ca.us
Cc: richard.corey@arb.ca.gov; Magliano_Karen@ARB; Lakin_Matt; Steckel_Andrew; Kurpius_Meredith; Vallano_Dena; Jordan_Deborah; Spiegelman_Nina; Christenson_Kara; Zimpfer_Amy; LEVIN_NANCY; rcorey@arb.ca.gov
Subject: Letter to Larry Allen regarding Oceano Dunes.
Date: Wednesday, April 15, 2015 3:02:36 PM
Attachments: [04-15-2015 Allen_SLO.pdf](#)

Hi All,

Attached please see a letter from Deborah Jordan to Larry Allen regarding control of emissions from Oceano Dunes.

Thanks,
Kerry Drake
Associate Director, Air Division
U.S. EPA, Region 9
415-947-4157

From: [YOSHIMURA, GWEN](#)
To: [YOSHIMURA, GWEN](#); mmiguel@arb.ca.gov; prainey@arb.ca.gov; Sweigert.Gayle@ARB; Stroud.Kenneth@ARB; Tasat.Webster@ARB; ccastron@arb.ca.gov; Vanderspek.Sylvia@ARB
Cc: [Plate, Mathew](#); [Kurpius, Meredith](#); [Hoag, Katherine](#); [Flagg, MichaelA](#); [Felix, Elfego](#); [Williams, Jennifer](#); [Vallano, Dena](#); [CHANG, RANDALL](#); [Clover, Fletcher](#)
Subject: March 4, 2014 ARB-EPA call
Date: Tuesday, February 25, 2014 12:16:21 PM

Hello,

Below please find the draft agenda for next week's ARB-EPA call. Please note that we'll go through the follow-ups from the last call, and that we've added some items under "Other Issues/Questions" that we're hoping to touch base with you on. Please let us know if you have any questions or additions.

Thanks much!

-Gwen

ARB-EPA Monthly Monitoring Coordination Call
10-11am, 1st Tuesday each month
March 4, 2014

Dial-in Number: (877) 960-2887
Passcode: 578 7607

Agenda Items:

- Follow ups from 2/4/2014 meeting:
 - Sylvia/Webster will continue to keep Kate/Gwen in the loop on 2013 PM2.5 data.
 - ARB follow up from 1/23/2014 Mendocino data call: Could ARB check and let us know if you did in fact receive 4th qtr 2012 data from Mendocino? Forgot to ask on today's call. Thanks!
 - Patrick will check in with Mike and Laura about the Northern Sierra flow rate verifications issue and let us know if they want a call.
 - Ken will send Kate additional table that lists the PM2.5 monitors not currently listed in existing table, that are collecting regulatory data.
 - Ken: Could you also fwd Kate the PM10 and PM2.5 tech bulletins mentioned on today's call? Thanks!
 - Kate will talk to Elfego and Meredith about following up on the SJV findings (3 and 4).
 - Kate: Will look for examples of PM2.5 QAPPs that discuss make-up samples.
 - Kate will follow up one more time on NPAP letter from last year. If it didn't go out, Kate will follow up with MK on next steps. Have substantial back and forth showing it was approved, even without the official letter.
 - Kate: Will also share a draft NPAP self-implementation letter with them for this year.

- Sylvia will check on ARB's prioritization of the PM10 EE 2013 package for SE Desert, for CDF, and will get back to us.
- Gwen: check on FO9 follow up with Mat Plate.
- Gwen: Follow up with Mat about word versions of EPA Handbook Volumes II and IV.
- EPA: We'll check with OAQPS about data certification training. Aim for March/April for training. Could have EPA HQ do, or maybe ARB and R9 could collaborate on.
 1. Fletcher is checking with HQ. He does expect there to be a memo this year.
- General action items (don't necessarily need immediate action, but address as issues arise):
 1. If ARB knows or hears of any PM2.5 sites/districts where data will be later than March 31st, please let us (Kate & Gwen for programmatic. Fletcher Clover remains the data certification contact) know.
 2. ARB: Send Kate info about example and AQS report, if they think AQS is still not calculating correctly.
 3. If there are instances when there are more than 5 PM2.5 make-ups used per quarter, we should talk.
 4. ARB: Contact EPA if you'd like to can talk about how to document what the plan is for ARB's PM2.5 make-up samples. Could revise the QAPP or do an SOP.
- System modifications
- TSA Updates
 - Mendocino CAN update?
- EPA updates
- Special Studies
- Other Issues/Questions
 - PM10 data reporting – rules for invalidation when continuous instruments top out
 - PM10 data: approach for resolving 81102 data gaps for four monitors which were running hivols and reporting as 81102, then started continuous instruments as 85101 only and discontinued their hivols, until 2013 when they started reporting as 81102 as well.
 1. Santa Maria 06-083-1008 (hivol stopped 4/30/2009)
 2. Mojave-Poole 06-029-0011 (hivol stopped 6/30/2011)
 3. Paso Robles 06-079-0005 (hivol stopped 7/30/2009)
 4. SLO 06-079-2006 (hivol stopped 3/31/2011)
 - 2013 PM2.5 data update
 - PM2.5 collocation requirements
 - PM2.5 new instruments
 - PM2.5 lab capacity to accommodate new SJV sites & provide preliminary data for District

Next call: April 1, 2014

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mailing address:
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Air Quality Analysis Office (AIR-7)
75 Hawthorne Street
San Francisco, CA 94105

From: YOSHIMURA, GWEN
Sent: Tuesday, February 04, 2014 1:01 PM
To: YOSHIMURA, GWEN; mmiguel@arb.ca.gov; prainey@arb.ca.gov; Sweigert, Gayle@ARB; Stroud, Kenneth@ARB; Tasat, Webster@ARB; ccastron@arb.ca.gov; Vanderspek, Sylvia@ARB
Cc: Plate, Mathew; Kurpius, Meredith; Hoag, Katherine; Flagg, MichaelA; Felix, Elfego; Williams, Jennifer; Vallano, Dena; CHANG, RANDALL; Clover, Fletcher
Subject: February 4, 2014 ARB-EPA call follow-ups

Hello,

Thanks for the call today. Good to hear all of the progress made on the previous month's action items!

Below please find action items from this call. Please email with any additions/edits. Much thanks!

- Sylvia/Webster will continue to keep Kate/Gwen in the loop on 2013 PM2.5 data.
- ARB follow up from 1/23/2014 Mendocino data call: Could ARB check and let us know if you did in fact receive 4th qtr 2012 data from Mendocino? Forgot to ask on today's call. Thanks!
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- Kate: Will also share a draft NPAP self-implementation letter with them for this year.
- Sylvia will check on ARB's prioritization of the PM10 EE 2013 package for SE Desert, for CDF, and will get back to us.
- Gwen: check on FO9 follow up with Mat Plate.
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- EPA: We'll check with OAQPS about data certification training. Aim for March/April for training. Could have EPA HQ do, or maybe ARB and R9 could collaborate on.
- General action items (don't necessarily need immediate action, but address as issues arise):
 - o If ARB knows or hears of any PM2.5 sites/districts where data will be later than March 31st, please let us (Kate & Gwen for programmatic. Fletcher Clover remains the data certification contact) know.
 - o ARB: Send Kate info about example and AQS report, if they think AQS is still not calculating correctly.
 - o If there are instances when there are more than 5 PM2.5 make-ups used per quarter, we should talk.
 - o ARB: Contact EPA if you'd like to can talk about how to document what the plan is for ARB's PM2.5 make-up samples. Could revise the QAPP or do an SOP.

-Gwen

Gwen M. Yoshimura
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 Environmental Protection Agency, Region 9
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 Email: yoshimura.gwen@epa.gov

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 75 Hawthorne Street
 San Francisco, CA 94105

From: YOSHIMURA, GWEN
Sent: Monday, February 03, 2014 9:03 AM
To: YOSHIMURA, GWEN; mmiguel@arb.ca.gov; prainey@arb.ca.gov; Sweigert, Gayle@ARB; Stroud, Kenneth@ARB; Tasat, Webster@ARB; ccastron@arb.ca.gov; Vanderspek, Sylvia@ARB
Cc: Plate, Mathew; Kurpius, Meredith; Hoag, Katherine; Flagg, MichaelA; Felix, Elfego; Williams, Jennifer; Vallano, Dena; CHANG, RANDALL; Clover, Fletcher
Subject: ARB-EPA call agenda, February 4, 2014

Hello,

Just sending a reminder about the call tomorrow. Hope to talk to you then! Also, if we could revisit the action items from last month's call (forwarded below) and review where things stand, that'd be great.

Let us know if you'd like anything else on the agenda.

Thanks!

-Gwen

ARB-EPA Monthly Monitoring Coordination Call

10-11am, 1st Tuesday each month

February 4, 2014

Dial-in Number: (877) 960-2887

Passcode: 578 7607

Agenda Items:

- Follow-ups from last call
- System modifications
- TSA Updates
- EPA updates
- Special Studies
- Other Issues/Questions

Next call: March 4, 2014

Gwen M. Yoshimura
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Email: yoshimura.gwen@epa.gov

mailing address:
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San Francisco, CA 94105

From: YOSHIMURA, GWEN

Sent: Tuesday, January 07, 2014 11:46 AM

To: mmiguel@arb.ca.gov; prainey@arb.ca.gov; 'Sweigert, Gayle@ARB'; 'Stroud, Kenneth@ARB'; 'Tasat, Webster@ARB'; 'ccastron@arb.ca.gov'; Vanderspek, Sylvia@ARB

Cc: Plate, Mathew; Kurpius, Meredith; Hoag, Katherine; Flagg, MichaelA; Felix, Elfego; Williams, Jennifer; Vallano, Dena; CHANG, RANDALL; Clover, Fletcher

Subject: Action items from ARB-EPA call, January 7, 2014

Hello,

Below are the action items I captured from today's call. Please let me know if I've missed/misstated

any. Thanks much!

-Gwen

ARB-EPA Monthly Monitoring Coordination Call

10-11am, 1st Tuesday each month

January 7, 2014

EPA: Gwen, Jennifer, Randy, Kate, Mat, Michael, Dena, Elfego.

CARB: Ken, Mike M, Patrick, Gayle, Sylvia, Cindy C.

Action Items:

- Jennifer will set up call with ARB (Gayle, Mike, Patrick), Mendo, and EPA to discuss missing data.
- EPA (Gwen & others) & ARB will check what the last correspondence was regarding IMP1, 3, 5, 8, 10, and FO1, 13, 15, TO15.
- By the end of this week/beginning of next:
 1. EPA (Gwen) will send responses on SJV findings 2, 5, 6, 7, 8, 9, 10, 11, 12 to Mike, Patrick, and SJV (Michael Carrera, Errol, Morgan) by end of week/beginning of next.
 2. EPA (Gwen) will send responses on the October 3, 2013 package, including the 4 Imperial findings.
- EPA (Kate and others) will think about how to address SJ findings 3&4. May need call with everyone.
- By Thursday, EPA (Gwen & others) will send any comments on the Northern Sierra Roles & Responsibilities document.
- Gwen will forward Mendo's question about ozone precision checks to Mike/Patrick so they can issue a CAN.
- By Friday, Gwen will check and see if Debbie Jordan would be up for being the keynote speaker at the two Session 1 PQAO training meetings. Mat and Gwen will check on the 2007 Great Basin QAPP.
- Michael Flagg will try to send response to Mike's inquiries about LADWP this week (will depend on whether Alan Z. is in the office). EPA's position: GB is in CARB PQAO, therefore under umbrella of ARB QA plans. Development of GB-specific QAPP should be approved by ARB.
- Sylvia will email Jennifer Williams the updated state designations status for North Coast Unified.
- Sylvia/Webster will keep an eye on the PM2.5 data and let Kate know when the more "official" data are received for the end of 2013.
- ARB will review EPA's comments on FO2.
- ARB has incorporated EPA's verbal comments on the Great Basin QAPP; ARB (Mike/Patrick) will send new version to GB and EPA when it's ready.
- ARB (Mike/Patrick) will edit the Northern Sierra Roles & Responsibilities document to include information clarifying that it is the district's responsibility to perform flow

rate verification checks for PM2.5.

- o ARB will likely put in QA qualifier codes for the Northern Sierra PM2.5 FRM data to reflect the missed flow rate verifications.
- o Mike M. and co. will discuss next steps for setting up a meeting with the Northern Sierra APCO and EPA to discuss network evaluation/resources.

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75 Hawthorne Street
San Francisco, CA 94105

From: YOSHIMURA, GWEN
Sent: Tuesday, January 07, 2014 9:07 AM
To: YOSHIMURA, GWEN; mmiguel@arb.ca.gov; prainey@arb.ca.gov; 'Sweigert, Gayle@ARB'; 'Stroud, Kenneth@ARB'; 'Tasat, Webster@ARB'; 'ccastron@arb.ca.gov'
Cc: Plate, Mathew; Kurpius, Meredith; Hoag, Katherine; Flagg, MichaelA; Felix, Elfego; Williams, Jennifer; Vallano, Dena; CHANG, RANDALL; Clover, Fletcher
Subject: RE: ARB-EPA call January 7, 2014

Hello,

Thought I'd send a quick note to let you know we will be calling in at 10 today. Thanks, and talk to you soon!

Hope everyone had good holidays.

-Gwen

Gwen M. Yoshimura
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75 Hawthorne Street
San Francisco, CA 94105

From: YOSHIMURA, GWEN

Sent: Thursday, December 19, 2013 5:34 PM

To: mmiguel@arb.ca.gov; prainey@arb.ca.gov; Sweigert, Gayle@ARB; Stroud, Kenneth@ARB; Tasat, Webster@ARB; ccastron@arb.ca.gov

Cc: Plate, Mathew; Kurpius, Meredith; Hoag, Katherine; Flagg, MichaelA; Felix, Elfego; Williams, Jennifer; Vallano, Dena; CHANG, RANDALL; Clover, Fletcher

Subject: ARB-EPA call January 7, 2014

Hello,

I'm going to be out of the office until January 6th, and just wanted to say that we are assuming we are on for the January 7th call. Please let us know if there are any agenda items you'd like to cover. Also, I assume the number listed below is the one we will continue to use in the new year.

Thanks all, and Happy Holidays!

Best,
Gwen

ARB-EPA Monthly Monitoring Coordination Call

10-11am, 1st Tuesday each month

January 7, 2014

DIAL IN NUMBER: 877-960-2887

PASSCODE: 5787607

Agenda Items:

- System modifications
- TSA Updates
- EPA updates
- Special Studies
- Other Issues/Questions

Gwen M. Yoshimura

Air Quality Analysis Office

Environmental Protection Agency, Region 9

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Email: yoshimura.gwen@epa.gov

mailing address:

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75 Hawthorne Street
San Francisco, CA 94105

From: [Magliano, Karen@ARB](mailto:Magliano.Karen@ARB)
To: kturkiew@arb.ca.gov; [Quok, Matthew@ARB](mailto:Quok.Matthew@ARB); [Kurpius, Meredith](mailto:Kurpius.Meredith)
Cc: [Tasat, Webster@ARB](mailto:Tasat.Webster@ARB); [Vanderspek, Sylvia@ARB](mailto:Vanderspek.Sylvia@ARB); [Smith, Reginald@ARB](mailto:Smith.Reginald@ARB); [Stroud, Kenneth@ARB](mailto:Stroud.Kenneth@ARB); mbenjami@arb.ca.gov
Subject: Oceano Dunes Technical Team
Date: Wednesday, February 19, 2014 11:59:52 AM

I wanted to give you an update on the status of the Technical Team work. Yesterday we had another meeting of the policy group (and got to tour the park). Based on the progress that is being made on implementing some initial mitigation efforts this spring, the group decided that they would put the Technical Team review on hold.

I appreciate your willingness to participate on the team, and will keep you posted if the policy group decides they want to re-start this effort.

Let me know if you have any questions.

Karen

Karen Magliano
Assistant Division Chief
Air Quality Planning & Science Division
(916) 322-7137

From: ktupper@co.slo.ca.us
To: [Kurpius, Meredith](#)
Subject: Re: CDF AQS ID
Date: Monday, June 10, 2013 1:29:40 PM

Hi Meredith.

You're close: The site has always been 06-079-2007, but there are two different POCs that should probably be combined. Originally, there was a TEOM there, and this was designated POC 1. That instrument was removed mid-2010 and a BAM 1020 was installed in its place. That's POC 2.

Let me know if you have other questions.

Karl

Karl A Tupper
Air Quality Specialist, Monitoring Unit
Air Pollution Control District
County of San Luis Obispo
ph: 805.781.5912
email: ktupper@co.slo.ca.us
web: www.slocleanair.org

-----"Kurpius, Meredith" <Kurpius.Meredith@epa.gov> wrote: -----

To: "KTUPPER@CO.SLO.CA.US" <KTUPPER@CO.SLO.CA.US>
From: "Kurpius, Meredith" <Kurpius.Meredith@epa.gov>
Date: 06/10/2013 12:48PM
Subject: CDF AQS ID

Hi Karl,

I am responding to a concerned citizen regarding PM10 level on the Nipomo Mesa and I have a quick question: has this site always had the same AQS ID? I have a vague recollection that it was moved and so there are two AQS sites that should be combined for purposes of the DV. Is that right? If so, what are the two AQS IDs?
Thanks!

-Meredith

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[Scanned @co.slo.ca.us]

From: [Kurpius, Meredith](#)
To: ktupper@co.slo.ca.us
Cc: [Flagg, MichaelA](#)
Subject: RE: CDF AQS ID
Date: Monday, June 10, 2013 2:49:00 PM

Thanks Karl!

From: ktupper@co.slo.ca.us [mailto:ktupper@co.slo.ca.us]
Sent: Monday, June 10, 2013 1:29 PM
To: Kurpius, Meredith
Subject: Re: CDF AQS ID

Hi Meredith.

You're close: The site has always been 06-079-2007, but there are two different POCs that should probably be combined. Originally, there was a TEOM there, and this was designated POC 1. That instrument was removed mid-2010 and a BAM 1020 was installed in its place. That's POC 2.

Let me know if you have other questions.

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Karl A Tupper
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email: ktupper@co.slo.ca.us
web: www.slocleanair.org

-----"Kurpius, Meredith" <Kurpius.Meredith@epa.gov> wrote: -----

To: "KTUPPER@CO.SLO.CA.US" <KTUPPER@CO.SLO.CA.US>
From: "Kurpius, Meredith" <Kurpius.Meredith@epa.gov>
Date: 06/10/2013 12:48PM
Subject: CDF AQS ID

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I am responding to a concerned citizen regarding PM10 level on the Nipomo Mesa and I have a quick question: has this site always had the same AQS ID? I have a vague recollection that it was moved and so there are two AQS sites that should be combined for purposes of the DV. Is that right? If so, what are the two AQS IDs? Thanks!

-Meredith

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[Scanned @co.slo.ca.us]

From: [Kurpius, Meredith](#)
To: jacontreras@co.slo.ca.us
Cc: [karen brooks](#); KTUPPER@CO.SLO.CA.US
Subject: RE: citation for dust study
Date: Tuesday, June 18, 2013 9:29:00 AM

Thank you!

From: jacontreras@co.slo.ca.us [mailto:jacontreras@co.slo.ca.us]
Sent: Tuesday, June 18, 2013 9:12 AM
To: Kurpius, Meredith
Cc: karen brooks; KTUPPER@CO.SLO.CA.US
Subject: Re: citation for dust study

Good morning Meredith,

Attached are two links to the PM studies in the Nipomo-Mesa area, all authored by SLO County APCD.

- South County **Phase 1** Particulate Matter Study (**2007**)
- South County **Phase 2** Particulate Matter Study (**2010**)

Link:

<http://slocleanair.org/air/pmstudydata.php>

Located at the bottom half of the internet page.

- South County Community Monitoring Project (**2013**)

Link:

<http://slocleanair.org/communitymonitoringproject.php>

Meredith, please let me know if there are any questions.

Regards,

Jaime.

Jaime Contreras
Air Quality Specialist, Air Monitoring
Air Pollution Control District
County of San Luis Obispo
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Cell: 805-441-9332
Email: jacontreras@co.slo.ca.us
Web: www.slocleanair.org

From: "Kurpius, Meredith" <Kurpius.Meredith@epa.gov>
To: "KTUPPER@CO.SLO.CA.US" <KTUPPER@CO.SLO.CA.US>, karen brooks <kbrooks_apcd@co.slo.ca.us>, "jacontreras@co.slo.ca.us" <jacontreras@co.slo.ca.us>
Date: 06/18/2013 08:40 AM
Subject: citation for dust study

Karen, Jaime, and Karl,

We are responding to a citizen letter regarding dust in the Nipomo Dunes area and we would like to cite the dust study that SLO conducted a few years back. Can you provide the title, date, author (I assume it's SLO County APCD), and document reference number if any? Thanks!

-Meredith

Meredith Kurpius, PhD

Air Quality Analysis Office, Air Monitoring Team Lead

kurpius.meredith@epa.gov

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From: [Kurpius, Meredith](#)
To: [Magliano, Karen@ARB](#); [kturkiew@arb.ca.gov](#); [Quok, Matthew@ARB](#)
Cc: [Tasat, Webster@ARB](#); [Vanderspek, Sylvia@ARB](#); [Smith, Reginald@ARB](#); [Stroud, Kenneth@ARB](#); [mbenjami@arb.ca.gov](#)
Subject: RE: Oceano Dunes Technical Review Team
Date: Friday, February 07, 2014 6:31:00 AM

Hi Karen,

I am only available until 9:30 this morning (Friday). On Monday, I am available 11:30-3:30.

Meredith

From: Magliano, Karen@ARB [mailto:kmaglian@arb.ca.gov]
Sent: Wednesday, February 05, 2014 5:08 PM
To: Kurpius, Meredith; [kturkiew@arb.ca.gov](#); [Quok, Matthew@ARB](#)
Cc: [Tasat, Webster@ARB](#); [Vanderspek, Sylvia@ARB](#); [Smith, Reginald@ARB](#); [Stroud, Kenneth@ARB](#); [mbenjami@arb.ca.gov](#)
Subject: Oceano Dunes Technical Review Team

Meredith, Matt, and Kasia

Thank you for agreeing to participate in the Technical Team to review PM10 data collected at Oceano Dunes. I have attached a write up that explains the mission, tasks, and schedule for the team. I would like to have a quick (1/2 hour) conference call on Friday or Monday to kick off the work. Could you let me know your availability and then I will send out an announcement and call in number.

Please also let me know if you have any questions.

Regards, Karen

Karen Magliano
Assistant Division Chief
Air Quality Planning & Science Division
(916) 322-7137

From: [Kurpius, Meredith](#)
To: [Magliano, Karen@ARB](#); [kturkiew@arb.ca.gov](#); [Quok, Matthew@ARB](#)
Cc: [Tasat, Webster@ARB](#); [Vanderspek, Sylvia@ARB](#); [Smith, Reginald@ARB](#); [Stroud, Kenneth@ARB](#); [mbenjami@arb.ca.gov](#)
Subject: RE: Oceano Dunes Technical Review Team
Date: Monday, February 10, 2014 2:34:00 PM

I seem to have the incorrect conference line info. Does anyone know the correct conference line?
Thanks!

Meredith

From: Magliano, Karen@ARB [mailto:kmaglian@arb.ca.gov]
Sent: Wednesday, February 05, 2014 5:08 PM
To: Kurpius, Meredith; [kturkiew@arb.ca.gov](#); [Quok, Matthew@ARB](#)
Cc: [Tasat, Webster@ARB](#); [Vanderspek, Sylvia@ARB](#); [Smith, Reginald@ARB](#); [Stroud, Kenneth@ARB](#); [mbenjami@arb.ca.gov](#)
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Assistant Division Chief
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(916) 322-7137

From: [Kurpius, Meredith](#)
To: [Magliano, Karen@ARB](#)
Subject: RE: Oceano Dunes Technical Team
Date: Wednesday, February 19, 2014 12:35:00 PM

Interesting. Thanks for the update.

From: Magliano, Karen@ARB [mailto:kmaglian@arb.ca.gov]
Sent: Wednesday, February 19, 2014 12:00 PM
To: kturkiew@arb.ca.gov; Quok, Matthew@ARB; Kurpius, Meredith
Cc: Tasat, Webster@ARB; Vanderspek, Sylvia@ARB; Smith, Reginald@ARB; Stroud, Kenneth@ARB; mbenjami@arb.ca.gov
Subject: Oceano Dunes Technical Team

I wanted to give you an update on the status of the Technical Team work. Yesterday we had another meeting of the policy group (and got to tour the park). Based on the progress that is being made on implementing some initial mitigation efforts this spring, the group decided that they would put the Technical Team review on hold.

I appreciate your willingness to participate on the team, and will keep you posted if the policy group decides they want to re-start this effort.

Let me know if you have any questions.

Karen

Karen Magliano
Assistant Division Chief
Air Quality Planning & Science Division
(916) 322-7137

From: [Kurpius, Meredith](mailto:Kurpius_Meredith@garcemont@co.slo.ca.us)
To: garcemont@co.slo.ca.us
Subject: RE: PM10 standard
Date: Wednesday, April 10, 2013 6:37:00 AM

Hi Gary,

Here is the beginning of 40 CFR 50, Appendix K:

Appendix K to Part 50—Interpretation of the National Ambient Air Quality Standards for Particulate Matter

1.0 General

(a) This appendix explains the computations necessary for analyzing particulate matter data to determine attainment of the 24-hour standards specified in 40 CFR 50.6. For the primary and secondary standards, particulate matter is measured in the ambient air as PM₁₀ (particles with an aerodynamic diameter less than or equal to a nominal 10 micrometers) by a reference method based on appendix J of this part and designated in accordance with part 53 of this chapter, or by an equivalent method designated in accordance with part 53 of this chapter. The required frequency of measurements is specified in part 58 of this chapter.

(b) The terms used in this appendix are defined as follows:

Average refers to the arithmetic mean of the estimated number of exceedances per year, as per Section 3.1.

Daily value for PM₁₀ refers to the 24-hour average concentration of PM₁₀ calculated or measured from midnight to midnight (local time).

Exceedance means a daily value that is above the level of the 24-hour standard after rounding to the nearest 10 µg/m³ (i.e. , values ending in 5 or greater are to be rounded up).

You can see that the definition of and exceedance, which is a daily value and not a 3-year average, has the rounding convention you mentioned. Here is the link to the CFR Appendix:

[http://www.ecfr.gov/cgi-bin/text-idx?](http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&sid=08f4e82a65b998619c86c8e486e5cb98&rgn=div5&view=text&node=40:2.0.1.1.1&idno=40#40:2.0.1.1.1.0.1.19.12)

[c=ecfr&sid=08f4e82a65b998619c86c8e486e5cb98&rgn=div5&view=text&node=40:2.0.1.1.1&idno=40#40:2.0.1.1.1.0.1.19.12](http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&sid=08f4e82a65b998619c86c8e486e5cb98&rgn=div5&view=text&node=40:2.0.1.1.1&idno=40#40:2.0.1.1.1.0.1.19.12)

Let me know if you have any additional questions.

-Meredith

P.S. Did you get the wind that we did down there on Monday?

From: garcemont@co.slo.ca.us [mailto:garcemont@co.slo.ca.us]
Sent: Tuesday, April 09, 2013 9:32 AM
To: Kurpius, Meredith
Subject: PM10 standard

Hi Meredith-

Im looking an explanation in words of how to determine whether an exceedance of the Fed PM10 standard has occurred.

The standard is 150 ug/m3, but as I understand, you don't exceed the standard until you reach 155 ug/m3 due to a 10 mg/m3 rounding convention. Do have a reference explaining this calculation method? The only explanation we could find discusses the 10 mg/m3 rounding convention in reference to the 3 yr average calculation.

We had a 152 ug/m3 (STP) yesterday at one of our sites (158 ug/3 actual conditions), and we think we did not exceed the Fed PM10 standard - but there is alot of discussion around the office right now about how to determine an exceedance of the Fed PM10 std.

Thanks for your help!

Gary Arcemont
Air Quality Specialist
San Luis Obispo County Air Pollution Control District
3433 Roberto Court
San Luis Obispo, CA 93401-7126
Phone: 805 781 5743
Email: garcemont@co.slo.ca.us

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From: [Kurpius, Meredith](#)
To: garcemont@co.slo.ca.us
Subject: RE: PM10 standard
Date: Thursday, April 11, 2013 10:12:00 AM

We got gusts of 75 mph out at ocean beach – it blew our fence over!

From: garcemont@co.slo.ca.us [mailto:garcemont@co.slo.ca.us]
Sent: Thursday, April 11, 2013 9:16 AM
To: Kurpius, Meredith
Subject: RE: PM10 standard

Hi Meredith-

Thanks for the info...

Yep we got that wind! It peaked on Monday, but we had blowing dust from Friday through Tuesday. We got close to a Fed exceedance (PM10) on Monday due to blowing dust.

How windy was it in SF? Anything exciting happen up there?

Gary Arcemont
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San Luis Obispo County Air Pollution Control District
3433 Roberto Court
San Luis Obispo, CA 93401-7126
Phone: 805 781 5743
Email: garcemont@co.slo.ca.us

From: "Kurpius, Meredith" <Kurpius.Meredith@epa.gov>
To: "garcemont@co.slo.ca.us" <garcemont@co.slo.ca.us>
Date: 04/10/2013 06:37 AM
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[c=ecfr&sid=08f4e82a65b998619c86c8e486e5cb98&rgn=div5&view=text&node=40:2.0.1.1.1&idno=40#40:2.0.1.1.1.0.1.19.12](http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr&sid=08f4e82a65b998619c86c8e486e5cb98&rgn=div5&view=text&node=40:2.0.1.1.1&idno=40#40:2.0.1.1.1.0.1.19.12)

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